



ecology and environment, inc.

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M E M O R A N D U M

DATE: August 2, 1990
TO: William Messenger, Chief, Pre-Remedial Unit
FROM: John Nordine, FIT Team Leader *JAV*
SUBJECT: Ohio/F05-8802-016/FOH0599SA
Chemical and Minerals Reclamation, Inc.
OHD980704233

This memorandum will briefly discuss the site history and rationale for proposing a NFRAP status for a specific site. Only site information such as target population and potential migration routes will be covered. No discussion involving projected LSI scores will be presented. Therefore, a copy of this memorandum is available to outside parties requesting file information from the U.S. EPA on this site.

Chemical and Minerals Reclamation, Inc. (CMR) is located in the "Flats" in downtown Cleveland, Ohio. The addresses for CMR were 601 and 421 Stone Levee Road. CMR operated from 1969 to 1979. CMR was a business that disposed/reclaimed flammable solvents, resins and acted as an agent for some plating compounds. A partial list of chemicals are spent acetone, acetate, antimony oxides, carbon tetrachloride, chromium salts, ketones, trichloroethylene, toluene, xylenes, zinc chloride, and roof tars. An estimated 8,000 to 10,000 drums per year were processed at CMR. The drum storage area consisted of two warehouses and a semi-trailer. The OEPA in 1979 described the two warehouses the drums were stored in as ancient, battered, and unsecured. On March 18, 1979, a fire occurred at the 601 Stone Levee Road address.

The site was under investigation by Cleveland Fire Department, Cuyahoga County Health Department, OEPA, and U.S. EPA from March of 1979 to July 1980, for improper storage of hazardous material. Spills and leaking drums were noted during various site inspections. The site operator was ordered by a federal judge on July 11, 1979 to cease accepting hazardous waste pending disposal of on-site inventory. In early 1980, after an apparent site cleanup, the CMR operation was moved to 5418 Crescent Avenue. The Crescent Avenue site had a multiple alarm fire. It is not known what the final disposition of the drums was. Some of the drums were moved to the new location.

The soil below the surface of the site are sand and gravel deposits. There is no target population on groundwater since all people within a 3-mile radius of the site depend on surface water. Groundwater in the 3-mile radius is used for industrial purposes. The surface water intakes are located in Lake Erie more than 4 miles from the site. The site is located within approximately 60 feet of the Cuyahoga River which flows into Lake Erie. Contamination of the river due to rainwater runoff is possible. There is no record of air contamination from the site. The population in the immediate area of the site is densely populated. There has not been any sampling done at the site. Due to the lack of target populations for the groundwater, surface water, and the air pathways, FIT recommends that the Chemical Minerals Reclamation, Inc. site be designated as a NFRAP by the U.S. EPA.

